

**TP SOUTHERN ODISHA DISTRIBUTION LIMITED**

Certified that I Section Head/ SDO/ Divisional Head/ Circle Head have personally verified the premises of the applicant on dated..... at which the solar photovoltaic system is to be installed. The details of verification are as below:

<b>Technical Feasibility Report for .....KWp Solar (Rooftop/Ground Mounted/any other) PV System (SPV) At .....</b>		
<b>Sl. No.</b>	<b>Parameter</b>	<b>Utility Observation</b>
<b>A</b>	<b>Applicant Details</b>	
1	Name of the Applicant	
2	Whether Consumer submitted Application form for the aforesaid SRTPV plant with application fees with GST (Rs 590/-) as per OERC Net Metering Order	
3	Installation Address	
4	Consumer Number	
5	Consumer Category	
6	Type of Connection: 1ph LT or 3 ph LT/HT	
8	Contract demand of consumer	
9	Supply Voltage level	
10	Arrear, if any	
<b>B</b>	<b>Distribution Transformer Details</b>	
11	Capacity in KVA of DT from which the said consumer getting power supply	
12	Location	

13	Total Connected load in KW	
14	Tong Tester reading of current in all 3 phase and neutral	
15	Total Nos. of Solar rooftop photovoltaic (SRTPV) systems already connected to the Distribution Transformer in kWp	
16	Total Capacity of solar rooftop photovoltaic systems already connected to the Distribution Transformer in kWp (individual capacity may be mentioned)	
17	Whether the aforesaid solar rooftop power system of capacity....Kwp can be connected to our grid complying the limit of 75% of the capacity of the Distribution Transformer	
<b>C</b>	<b>Feeder Details</b>	
17	Name of the 11KV Feeder	
18	Type and size of Conductor/Cable	
19	Total connected load on the feeder in KVA	
20	Peak load on the Feeder in Ampere	
21	Name of the 33/11 KV Substation	
22	Total IPPs connected to 11 KV line (other IPPs including SRTPV)	
23	Capacity of 33/11 KV Power Transformer	
24	Any other necessary details with Remarks	
<b>FEASIBILITY</b>		
<b>Whether proposed SPV installation is technically feasible or not</b>		<b>Yes/No</b> <b>(if it is not feasible, state reasons for the same and suggest alternate arrangements required to evacuate power from the SRTPV system)</b>

Note: The proposed solar PV system capacity/ addition is technically feasible if

- a) The Cumulative solar PV system capacity at respective Distribution Transformer Capacity level should not exceed 75% of transformer capacity.
- b) The proposed solar PV system capacity does not exceed the Contract load /sanctioned load of the service connection
- c) In case of Net solar on single phase, the connectivity should be at the heaviest load phase for maximum benefit and minimum current imbalance.

In view of the above, I hereby certify that the above said Solar Rooftop PV system is technically feasible (Yes/No) and grid connectivity can be provided to this system (Yes/No).

Executive Engineer

Sub-Division Head

Section Head

Designation and seal

Designation and seal

Designation and seal

Superintending Engineer

Designation and seal